

SEQUENCE LISTING

<110> Leadd B.V.

<120> Apoptin-associating protein

<130> P51393EP00

<140> 99203465.2

<141> 1999-10-21

<160> 6

<170> PatentIn Ver. 2.1

<210> 1

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pACT-specific 17-mer

<220>

<221> misc_feature

<222> (1)..(17)

<400> 1

taccactaca atggatg

<210> 2

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Myc-tag

<220>

<221> SITE

<222> (1)..(10)

<400> 2

Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu

1	5	10
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<210> 3

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: AAP-1 peptide

<220>

<221> SITE

<222> (1)..(16)

<400> 3

Cys Thr Lys Thr Ser Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys

1

5

10

15

<210> 4

<211> 947

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (1)..(947)

<223> /note="AAP-1-a nucleic acid, wherein N can be A, C, G or T"

<400> 4

accanaccca aaaaaagaga tctggaattc ggatcctcga ggcacacgaa gcccggaaacag 60
tgctgaagcc tttaaatgca gcatctgcga tggaggaaa ggcacctcca ccagaaaaacc 120
tcggatcaat ttcagctgg tggcacaaca agtggcaca cagtatgcca ccccaaccacc 180
ccctaaaaag gagaagaagg agaaagttga aaagcaggac aaagagaaac ctgagaaaaga 240
caagggaaatt agtcctagtg ttaccaagaa aaataccacaa aagaaaacca aaccaaagtgc 300
tgacattctg aaagatcctc ctgtgaagc aaacagcata cagtctgca atgctacaac 360
aaagaccaggc gaaacaaatc acacctcaag gcccggctg aaaaacgtgg acaggagcac 420
tgcacacgc ttggcagtaa ctgtggcga cgtcaccgtc attatcacag actttaagga 480
aaagactcgc tcctcatcga catcctcatc cacagtgacc tccagtgca ggtcagaaca 540
gcagaaccaggc ascagctcgg ggtcagagag cacagacaag ggctcctccc gttcctccac 600
gccaaggc gacatgtca gactcaatga tgaatcttc tggaaattgca catggaaattg 660
tggaaactat gaatcagggt atgaaattca aaacctccac ctgcccattgc tgcttgcattc 720
cctggagaat cttctgtgga catcgacctc tttagtgc tggcaggata atttctgctt 780
gccccggc tctggccacc aaggaatttgc gacccctgac gattacttgc gacactttt 840
tgtattccat tgtttat gatttccta acaatcattt ataattggat gtgctcctga 900
atctactttt tataaaaaaaa gccttggc cctcgagaga tctatga 947

<210> 5

<211> 1131

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (1)..(1131)

<223> /note="AAP-1-b nucleic acid"

<400> 5

tataactatc tattcgatga tgaagataacc ccaccaaacc caaaaaaaga gatctggaaat 60
tcggatcctc gaggccacga aggctttct cctccgagcg gcgcgggtt cggctgggg 120
ggggcggggtt acagccatc catgaccatg ggcgacaaga agagccgcac caggccaaaa 180
agacaagcga aacctgcccgc agacgaaggg ttttgggatt gtacgtctg cacctcaga 240
aacagtgcgtg aagcctttaa atgcagcatc tgcgtatgtga gggaaaggcac ctccaccaga 300
aaacctcgga tcaattctca gctggtggca caacaagtgg cacaacagta tgccacccca 360
ccacccctca aaaaggagaa gaaggagaaa gttgaaaagc aggacaaaga gaaacctgag 420

aaagacaagg aaatttagtcc tagtgttacc aagaaaaata ccaacaagaa aaccaaacca 480
aagtctgaca ttctgaaaga tcctctagt gaagcaaaca gcatacagtc tgcaaatgct 540
acaacaaaga ccagcgaaac aaatcacacc tcaaggcccc ggctaaaaa cgtggacagg 600
agcactgcac agcagttggc agtaactgtg ggcaacgtca ccgtcattat cacagacttt 660
aaggaaaaga ctgcgtcctc atcgacatcc tcataccacag tgacctccag tgcagggtca 720
gaacagcaga accagagcag ctgcgggtca gagagcacag acaagggctc ctcccggtcc 780
tccacgcca agggcgacat gtcagcagtc aatgatgaat cttgtgaaa ttgcacatgg 840
aattgtgaaa actatgaatc aggatgaa attcaaaacc tccacctgccc catgctgctt 900
gcatccctgg agaatcttc gtggacatcg acctcttagt gatgctgcca ggataatttc 960
tgcttgccat gggcatctgg ccaccaagga atttcgacc ctgacgatta ctcttgacac 1020
tttatgttat tccattgttt tataatgattt tcctaacaat catttataat tggatgtgct 1080
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<210> 6
<211> 352
<212> PRT
<213> Human

<220>

<223> /note="(partial) Amino-acid sequence of AAP-1-b
wherein X stands for unknown amino-acid residue"

<400> 6

His Glu Gly Leu Ser Pro Pro Ser Gly Ala Gly Phe Gly Leu Gly Gly
1 5 10 15

Ala Gly Tyr Ser Pro Ser Met Thr Met Gly Asp Lys Lys Ser Pro Thr
20 25 30

Arg Pro Lys Arg Gln Ala Lys Pro Ala Ala Asp Glu Gly Phe Trp Asp
35 40 45

Cys Ser Val Cys Thr Phe Arg Asn Ser Ala Glu Ala Phe Lys Cys Ser
50 55 60

Ile Cys Asp Val Arg Lys Gly Thr Ser Thr Arg Lys Pro Arg Ile Asn
65 70 75 80

Ser Gln Leu Val Ala Gln Gln Val Ala Gln Gln Tyr Ala Thr Pro Pro
85 90 95

Pro Pro Lys Lys Glu Lys Lys Glu Lys Val Glu Lys Gln Asp Lys Glu
100 105 110

Lys Pro Glu Lys Asp Lys Glu Ile Ser Pro Ser Val Thr Lys Lys Asn
115 120 125

Thr Asn Lys Lys Thr Lys Pro Lys Ser Asp Ile Leu Lys Asp Pro Pro
130 135 140

Ser Glu Ala Asn Ser Ile Gln Ser Ala Asn Ala Thr Thr Lys Thr Ser
145 150 155 160

Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys Asn Val Asp Arg Ser
165 170 175

Thr Ala Gln Gln Leu Ala Val Thr Val Gly Asn Val Thr Val Ile Ile
180 185 190

Thr Asp Phe Lys Glu Lys Thr Arg Ser Ser Ser Thr Ser Ser Ser Thr
195 200 205

Val Thr Ser Ser Ala Gly Ser Glu Gln Gln Asn Gln Ser Ser Ser Gly
210 215 220

Ser Glu Ser Thr Asp Lys Gly Ser Ser Arg Ser Ser Thr Pro Lys Gly
225 230 235 240

Asp Met Ser Ala Val Asn Asp Glu Ser Phe Xaa Asn Cys Thr Trp Asn
245 250 255

Cys Glu Asn Tyr Glu Ser Gly Tyr Glu Ile Gln Asn Leu His Leu Pro
260 265 270

Met Leu Leu Ala Ser Leu Glu Asn Leu Leu Trp Thr Ser Thr Ser Xaa
275 280 285

Xaa Cys Cys Gln Asp Asn Phe Cys Leu Pro Trp Ala Ser Gly His Gln
290 295 300

Gly Ile Ser His Pro Asp Asp Tyr Ser Xaa His Phe Tyr Val Phe His
305 310 315 320

Cys Phe Ile Xaa Phe Ser Xaa Gln Ser Phe Ile Ile Gly Cys Ala Pro
325 330 335

Glu Ser Thr Phe Tyr Lys Lys Ala Phe Val Ala Ser Arg Asp Leu Xaa
340 345 350